

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-29 (Canceled)

Claim 30 (Withdrawn - Currently Amended): A polarizing plate comprising an antireflection film of claim ~~1~~70.

Claim 31 (Withdrawn - Currently Amended): A polarizing plate comprising:
a polarizing sheet; and
a transparent protective film on one side of the polarizing sheet, the transparent protective film comprising an antireflection film of claim ~~1~~70.

Claims 32-39 (Canceled)

Claim 40 (Withdrawn): A method for producing a polarizing plate of claim 30, which comprises:

feeding a polymer film for a polarizing sheet;
holding each edge of the polymer film with a holding unit; and
stretching the polymer film by imparting a tension to the polymer film while moving the holding unit in a machine direction of the polymer film
wherein

the stretching is performed under a condition satisfying formula (III):

$$|L2 - L1| > 0.4W$$

wherein L1 indicates a locus of the first holding unit from a substantial holding start point to a substantial holding release point on one edge of the polymer film; L2 indicates a locus of the second holding unit from a substantial holding start point to a substantial holding release point on the other edge of the polymer film; and W indicates a distance between two substantial holding release points of the first holding unit and the second holding unit, and

a speed difference of the moving between the first holding unit and the second holding unit is less than 1%.

Claim 41 (Withdrawn): The method for producing a polarizing plate as claimed in claim 40, wherein the stretching is performed under keeping a volatile content of the polymer film at least 5 % by volume, and the volatile content is decreased while the polymer film is shrunk.

Claim 42 (Withdrawn): The method for producing a polarizing plate as claimed in claim 40, which comprises sticking a transparent protective film to one side of the polarizing sheet, the protective film having an antireflection film.

Claim 43 (Withdrawn - Currently Amended): An image display device comprising an antireflection film of claim ~~40~~43.

Claim 44 (Withdrawn): The image display device as claimed in claim 43, which is a liquid crystal display device.

Claim 45 (Withdrawn): The image display device as claimed in claim 43, which is a transmissive, reflective or semi-transmissive liquid crystal display of any mode of TN, STN, IPS, VA or OCB.

Claims 46-69 (Canceled)

Claim 70 (Currently Amended): An antireflection film comprising:

a transparent support; and

a low-refractive index layer having a lower refractive index than the transparent support, wherein the low-refractive index layer is an outermost layer of the antireflection film, and the low-refractive index layer comprises: a hollow silica particle; and a compound lowering a surface free energy of the antireflection film,

wherein a silicone is segregated at an outer surface of the low-refractive index layer such that a spectral intensity ratio Si/C in a photoelectron spectrum at the outer surface is larger by at least 5 times than that at a depth from the outer surface, the depth being equal to 80 % of a thickness of the low-refractive index layer,

wherein the compound is a silicone compound having a plurality of (meth)acryloyl groups at a terminal or a side chain of a compound chain that contains a plurality of dimethylsilyloxy units as repetitive units, and having a molecular weight of from 3,000 to 30,000,

wherein the low-refractive index layer comprises a binder, and the compound comprises a reactive group with the binder,

~~wherein the compound comprises a (meth)acryloyl group;~~

wherein the binder consists of a (co)polymer of ~~only~~ at least one monomer having two or more ethylenic unsaturated groups, wherein the monomer having two or more ethylenic

unsaturated groups consists of ethylene glycol di(meth)acrylate, 1,4-cyclohexane diacrylate, pentaerythritol tetra(meth)acrylate, pentaerythritol tri(meth)acrylate, trimethylolpropane tri(meth)acrylate, trimethylolethane tri(meth)acrylate, dipentaerythritol tetra(meth)acrylate, dipentaerythritol penta(meth)acrylate, dipentaerythritol hexa(meth)acrylate, 1,2,3-cyclohexane tetramethacrylate, polyurethane polyacrylate, polyester polyacrylate, or a combination thereof,

wherein the hollow silica particle has a porosity x of from 10 to 60%, the porosity being represented by the following formula (V):

$$x = \frac{4\pi a^3/3}{(4\pi b^3/3)} \times 100 \quad (V)$$

wherein a represents a radius of a hollow of the particle and b represents a radius of an outer shell of the particle.

Claim 71 (Canceled)

Claim 72 (New) The antireflection film as claimed in claim 70, wherein the porosity x represented by the formula (V) is from 20 to 60%.

Claim 73 (New) The antireflection film as claimed in claim 70, wherein the porosity x represented by the formula (V) is from 30 to 60%.

Claim 74 (New) The antireflection film as claimed in claim 70, wherein the particle has a refractive index of from 1.17 to 1.40.

Claim 75 (New) The antireflection film as claimed in claim 70, wherein the particle has a refractive index of from 1.17 to 1.35.

Claim 76 (New) The antireflection film as claimed in claim 70, wherein the particle has a refractive index of from 1.17 to 1.30.